SEQUENCE LISTING

<110> Lind, Peter
      Sejlitz, Torsten
      Vogeli, Gabriel
      Wood, Linda S.

<120> Novel G Protein-Coupled Receptors

<130> 00231regUS

<150> USSN 60/203,108
<151> 2000-05-08

<160> 3

<170> PatentIn version 3.0

<210> 1
<211> 1300
<212> DNA
<213> Homo sapiens

<400> 1
gattaatttg ctaatttgac cttcttcatc atttgatgtg atgccagata ctaatagcac   60

aatcaattta tcactaagca ctcgtgttac tttagcattt tttatgtcct tagtagcttt   120

tgctataatg ctaggaaatg ctttggtcat tttagctttt gtggtggaca aaaaccttag   180

acatcgaagt agttattttt ttcttaactt ggccatctct gacttctttg tgggtgtgat   240

ctccattcct ttgtacatcc ctcacacgct gttcgaatgg gattttggaa aggaaatctg   300

tgtattttgg ctcactactg actatctgtt atgtacagca tctgtatata acattgtcct   360

catcagctat gatcgatacc tgtcagtctc aaatgctgtg tcttatagaa ctcaacatac   420

tggggtcttg aagattgtta ctctgatggt ggccgtttgg gtgctggcct tcttagtgaa   480

tgggccaatg attctagttt cagagtcttg gaaggatgaa ggtagtgaat gtgaacctgg   540

attttttttcg gaatggtaca tccttgccat cacatcattc ttggaattcg tgatcccagt   600

catcttagtc gcttatttca acatgaatat ttattggagc ctgtggaagc gtgatcatct   660

cagtaggtgc caaagccatc ctggactgac tgctgtctct tccaacatct gtggacactc   720

attcagaggt agactatctt caaggagatc tctttctgca tcgacagaag ttcctgcatc   780

ctttcattca gagagacaga ggagaaagag tagtctcatg ttttcctcaa gaaccaagat   840

gaatagcaat acaattgctt ccaaaatggg ttccttctcc caatcagatt ctgtagctct   900

tcaccaaagg gaacatgttg aactgcttag agccaggaga ttagccaagt cactggccat   960

tctcttaggg gttttttgctg tttgctgggc tccatattct ctgttcacaa ttgtcctttc   1020

attttattcc tcagcaacag gtcctaaatc agtttggtat agaattgcat tttggcttca   1080

gtggttcaat tcctttgtca atcctctttt gtatccattg tgtcacaagc gctttcaaaa   1140

ggctttcttg aaaatatttt gtataaaaaa gcaacctcta ccatcacaac acagtcggtc   1200

agtatcttct taaagacaat tttctcacct ctgtaaattt tagtctcaat ctcacctaaa   1260

tgaatcaggt ctgcccttta tcttgccctt ttcattctac   1300

<210> 2
<211> 390
<212> PRT
<213> Homo sapiens

<400> 2

Met Pro Asp Thr Asn Ser Thr Ile Asn Leu Ser Leu Ser Thr Arg Val
1   5   10   15

Thr Leu Ala Phe Phe Met Ser Leu Val Ala Phe Ala Ile Met Leu Gly
            20   25   30

Asn Ala Leu Val Ile Leu Ala Phe Val Val Asp Lys Asn Leu Arg His
        35   40   45

Arg Ser Ser Tyr Phe Phe Leu Asn Leu Ala Ile Ser Asp Phe Phe Val
    50   55   60

Gly Val Ile Ser Ile Pro Leu Tyr Ile Pro His Thr Leu Phe Glu Trp
65   70   75   80

Asp Phe Gly Lys Glu Ile Cys Val Phe Trp Leu Thr Thr Asp Tyr Leu
                85   90   95

Leu Cys Thr Ala Ser Val Tyr Asn Ile Val Leu Ile Ser Tyr Asp Arg
            100   105   110

Tyr Leu Ser Val Ser Asn Ala Val Ser Tyr Arg Thr Gln His Thr Gly
        115   120   125

Val Leu Lys Ile Val Thr Leu Met Val Ala Val Trp Val Leu Ala Phe
    130   135   140

Leu Val Asn Gly Pro Met Ile Leu Val Ser Glu Ser Trp Lys Asp Glu
145   150   155   160

Gly Ser Glu Cys Glu Pro Gly Phe Phe Ser Glu Trp Tyr Ile Leu Ala
                165   170   175

Ile Thr Ser Phe Leu Glu Phe Val Ile Pro Val Ile Leu Val Ala Tyr
                180   185   190

Phe Asn Met Asn Ile Tyr Trp Ser Leu Trp Lys Arg Asp His Leu Ser
            195   200   205

Arg Cys Gln Ser His Pro Gly Leu Thr Ala Val Ser Ser Asn Ile Cys
    210   215   220

Gly His Ser Phe Arg Gly Arg Leu Ser Ser Arg Arg Ser Leu Ser Ala
225   230   235   240

Ser Thr Glu Val Pro Ala Ser Phe His Ser Glu Arg Gln Arg Arg Lys
            245   250   255

Ser Ser Leu Met Phe Ser Ser Arg Thr Lys Met Asn Ser Asn Thr Ile
            260   265   270

Ala Ser Lys Met Gly Ser Phe Ser Gln Ser Asp Ser Val Ala Leu His
    275   280   285

```
Gln Arg Glu His Val Glu Leu Leu Arg Ala Arg Arg Leu Ala Lys Ser
    290             295             300

Leu Ala Ile Leu Leu Gly Val Phe Ala Val Cys Trp Ala Pro Tyr Ser
305             310             315             320

Leu Phe Thr Ile Val Leu Ser Phe Tyr Ser Ser Ala Thr Gly Pro Lys
                325             330             335

Ser Val Trp Tyr Arg Ile Ala Phe Trp Leu Gln Trp Phe Asn Ser Phe
            340             345             350

Val Asn Pro Leu Leu Tyr Pro Leu Cys His Lys Arg Phe Gln Lys Ala
        355             360             365

Phe Leu Lys Ile Phe Cys Ile Lys Lys Gln Pro Leu Pro Ser Gln His
    370             375             380

Ser Arg Ser Val Ser Ser
385             390
```

<210> 3
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> misc_feature
<223> Substrate peptide

<400> 3

```
Ala Pro Arg Thr Pro Gly Gly Arg Arg
1               5
```